Daily Diary Report by Bid Item

Contract No.: **04-0120F4**

Diary #: **700** **Const Calendar Day:** 142 **Date:** **24-Oct-2012** **Wednesday**
Inspector Name: **Bruce, Matt** **Title:** **Transportation Engineer**
Inspection Type: Intermittent
Shift Hours: 07:00 am 03:30 pm **Break:** 00:30 **Over Time:**
Federal ID:
Location:
Reviewer: **Schmitt, Alex** **Approved Date:** **Status:** Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature **7 AM** 50 - 60 **12 PM** 50 - 60 **4PM** 50 - 60
Precipitation 0.09" **Condition** Light rain to partly overcast

Working Day ☐ If no, explain:

Diary: Dispute ☐

Work description.

- Continued to process information related to the Hinge A pipe beam and the bridge alignment between the SAS-OBG and Skyway. Used 4-scales to assess the alignment between the two bridges and whether or not any jacking needs to be done. After reviewing all of the data it looks like the Skyway and SAS, WB and EB are within 10mm of each other vertically. However the E-Line Skyway has been readjusted horizontally by 2" to the South, therefore local measurements and another survey should be done.

- Met in the field with Paul Jefferson and ABF engineer Zach Lauria regarding the alignment of the Shear Keys and Bearings at the E2 cap beam. I showed Paul and Zach the skew or rotation in the lower housing of the B1 and B3 bearings. Zach agreed to fix this alignment issue but said the anchor rod installation may be an issue with this rotation. Zach and myself agreed to check the final center of rotation for the Shear Keys and Bearings after the work at Hinge A was completed. Also showed Paul the smart level laser as a possible way to check the slopes and vertical alignment between the SAS-OBG and Skyway bridges.

- Attended an informal meeting at 2:00pm regarding the bridge alignment between the SAS-OBG and Skyway steel tub section with Bob Brignano and ABF engineers Kevin Smith and Andre Markarian.

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